

Global Satellite Transponder Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014–2025

<https://marketpublishers.com/r/GF2163CCFF4EN.html>

Date: February 2017

Pages: 0

Price: US\$ 3,619.00 (Single User License)

ID: GF2163CCFF4EN

Abstracts

Satellite transponders are small chip size circuits that are used to form communication channel between transmitter and receiver i.e., transmitting the uplink data to the downlink and vice-versa. Factors such as rise in demand for new TV platforms & technologies, increase in growth of new subscribers for Ku-band frequencies and evolution of high definition channels and UHD TVs are expected to foster the market growth. In addition, telecom industries are also planning to lease more number of transponders to provide broadband facility to the most isolated places on the earth.

Based on bandwidth, the market is divided into C-band, Ku band, Ka band, K band, and others. According to services, it is categorized into leasing, maintenance & support, and others. By application, it is classified into commercial communications, government communications, navigation, remote sensing, R&D, and others. Geographical breakdown and deep analysis of each of the aforesaid segments is included for North America, Europe, Asia-Pacific, and LAMEA.

MARKET DYNAMICS:

Drivers:

Development of satellites with multiple modulation capabilities

Growth of high bandwidth Ka-band technology

Increase in satellite sensing applications in varied sectors such as agriculture, urban planning, surveying, environment management, and others

Restraints:

High capital investment

Competition from fiber-optic transmission cable networks

MARKET PLAYERS:

The top players in the global solar energy market include Arianespace SA, Thales Alenia Space, Airbus Group SE, Orbital ATK Inc, Loral Space and Communications Inc, INVAP S.E., Eutelsat Communications S.A., Thaicom Public Company Limited, Intelsat S.A., and Orbital ATK Inc.

KEY TAKEAWAYS

MARKET LANDSCAPE

By Bandwidth

C-band

Ku-band

Ka-band

K-band

Others

By Application

Commercial communications

Government communications

Navigation

Remote sensing

R&D

Others

By Service

Leasing

Maintenance & support

Others

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

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